

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 68   | ((TONG) near2 (XIE)). INV.   | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/11<br>21:12 |
| L2    | 81   | ((DALE) near2 (SCHROEDER)). INV.   | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/11<br>21:12 |
| L3    | 43   | ((MARSHALL) near2 (DEPUE)). INV.   | US-PGPUB;<br>USPAT                                      | OR               | ON      | 2008/05/11<br>21:12 |
| L4    | 49   | 345/156-179.ccls. and ((second near3 ("light source" or "light emitting" or LED)) same (second near3 (detector or sensor or CCD)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/11<br>21:27 |
| L5    | 11   | 345/165-166.ccls. and ((second near3 ("light source" or "light emitting" or LED)) same (second near3 (detector or sensor or CCD)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/11<br>21:29 |
| L6    | 3407 | ((second near3 ("light source" or "light emitting" or LED)) same (second near3 (detector or sensor or CCD)))                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/11<br>21:32 |
| L7    | 0    | ((second near3 ("light source" or "light emitting" or LED)) same (second near3 (detector or sensor or CCD))).ccls.                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/11<br>21:33 |
| L8    | 1587 | ((second near3 ("light source" or "light emitting" or LED)) same (second near3 (detector or sensor or CCD))).clm.                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/11<br>21:33 |
| L9    | 49   | ((second near3 ("light source" or "light emitting" or LED)) same (second near3 (detector or sensor or CCD))).clm. and "345"/\$.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/05/11<br>21:33 |

|    |     |   |   |    |    |                     |
|----|-----|---|---|----|----|---------------------|
| S1 | 4   | 345/165-166.ccls. and (measure with distance with surface)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>16:47 |
| S2 | 117 | 345/165-166.ccls. and ( distance with surface)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>17:09 |
| S3 | 4   | 345/165-166.ccls. and (( distance with surface) same measure)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>16:48 |
| S4 | 77  | 345/165-166.ccls. and ( distance with surface) and pattern  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>17:09 |
| S5 | 24  | 345/165-166.ccls. and ( distance with surface) and (speckle with pattern)                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:27 |
| S6 | 0   | 345/165-166.ccls. and ( distance with surface) and (speckle with pattern) and (second adj "light source") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>17:18 |
| S7 | 0   | 345/165-166.ccls. and distance and surface and (speckle with pattern) and (second adj "light source")     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>17:40 |
| S8 | 3   | 345/165-166.ccls. and distance and surface and pattern and (second adj "light source")                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>17:20 |
| S9 | 0   | 345/165-166.ccls. and ("second alight source")  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>17:20 |

|     |    |   |   |    |    |                     |
|-----|----|---|---|----|----|---------------------|
| S10 | 10 | 345/165-166.ccls. and ("second light source")   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>17:28 |
| S11 | 1  | 345/165-166.ccls. and ("second light source") and "second detector"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>17:36 |
| S12 | 58 | ((TONG) near2 (XIE)). INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/05/11<br>17:32 |
| S13 | 75 | ((DALE) near2 (SCHROEDER)). INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/05/11<br>17:32 |
| S14 | 40 | ((MARSHALL) near2 (DEPUE)). INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/11/06<br>18:07 |
| S15 | 4  | S12 and S13 and S14   | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/05/11<br>17:33 |
| S16 | 6  | 345/156-179.ccls. and ("second light source") and "second detector"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:14 |
| S17 | 30 | 345/165-166.ccls. and (speckle with pattern)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/11<br>17:41 |
| S18 | 1  | 10/826799   | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/05/14<br>14:16 |
| S19 | 1  | "20050231482".pn.   | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/05/14<br>14:17 |
| S20 | 1  | "20050231482".pn. and (surface or distance or measure or length)  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/05/14<br>14:18 |
| S21 | 9  | ("20050035947"   "20050073693"   "20050190157"   "20050231482"   "6188482"   "6657184"   "6934037"   "7116427"   "7161582").PN. | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/08/31<br>14:01 |
| S22 | 40 | ((MARSHALL) near2 (DEPUE)). INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/08/31<br>14:06 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| S23 | 77  | ((DALE) near2 (SCHROEDER)).INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/08/31<br>14:06 |
| S24 | 63  | ((TONG) near2 (XIE)).<br>INV.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/08/31<br>14:06 |
| S25 | 142 | (S22 or S23 or S24)  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/08/31<br>14:07 |
| S26 | 8   | 345/156-179.ccls. and<br>(second near3 "light<br>source") and "second<br>detector"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:15 |
| S27 | 30  | 345/156-179.ccls. and<br>(second near3 "light<br>source") and (second<br>near3 detector)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:17 |
| S28 | 108 | 345/156-179.ccls. and<br>(second near3 ("light<br>source" or "light<br>emitting" or LED)) and<br>(second near3<br>(detector or sensor or<br>CCD))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:18 |
| S29 | 43  | 345/156-179.ccls. and<br>((second near3 ("light<br>source" or "light<br>emitting" or LED))<br>same (second near3<br>(detector or sensor or<br>CCD)))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:20 |
| S30 | 2   | 345/156-179.ccls. and<br>((second near3 ("light<br>source" or "light<br>emitting" or LED))<br>same (second near3<br>(detector or sensor or<br>CCD))) and (speckle<br>with pattern)                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:24 |
| S31 | 2   | 345/156-179.ccls. and<br>((second near3 ("light<br>source" or "light<br>emitting" or "light<br>emitter" or LED)) same<br>(second near3<br>(detector or sensor or<br>CCD))) and (speckle<br>with pattern) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:25 |

|     |    |  |   |    |    |                     |
|-----|----|--|---|----|----|---------------------|
| S32 | 12 | ((second near3 ("light source" or "light emitting" or "light emitter" or LED)) same (second near3 (detector or sensor or CCD))) and (speckle with pattern) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:25 |
| S33 | 45 | 345/156-166.ccls. and ( distance with surface) and (speckle with pattern)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:27 |
| S34 | 19 | 345/156-166.ccls. and ( distance with surface) and (speckle with pattern).clm.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:27 |
| S35 | 12 | 345/156-166.ccls. and ( distance with surface).clm. and (speckle with pattern).clm.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:27 |
| S36 | 3  | 345/156-166.ccls. and ( distance with surface).clm. and (speckle with pattern).clm. and ( distance with surface).ab. and (speckle with pattern).ab.        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:28 |
| S37 | 7  | ( distance with surface).clm. and (speckle with pattern).clm. and ( distance with surface).ab. and (speckle with pattern).ab.                              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31<br>14:28 |
| S38 | 1  | "20050024624".pn.  | US-PGPUB;<br>USPAT                                      | OR | ON | 2007/11/06<br>18:08 |

5/11/08 9:34:38 PM

C:\Documents and Settings\dlewis\My Documents\EAST\Workspaces\826799.wsp